EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER

03234670

PUBLICATION DATE

18-10-91

APPLICATION DATE

13-02-90

APPLICATION NUMBER

02031996

APPLICANT:

VICTOR CO OF JAPAN LTD;

INVENTOR:

MIZOGUCHI YUTAKA;

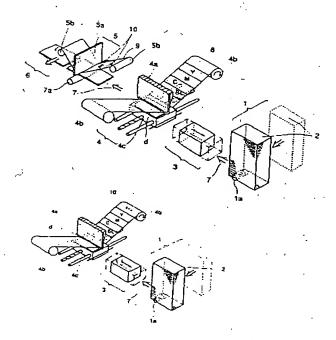
INT.CL.

B41J 2/325 B41M 5/26 B42D 15/10

TITLE

HEAT TRANSFER PRINTING METHOD

AND HEAT TRANSFER PRINTER



ABSTRACT :

PURPOSE: To prevent cards from being tampered with by placing a mark with a semi-transparent coloring material on a printed image to a degree in which the image is not concealed.

CONSTITUTION: A card 2 on which a required image is formed, such as ID cards or cash cards, etc., is carried from an arranging position for a heat transfer printing device 4 to an arranging position for a laminating device 5 by a carrying device 7, and a mark 10 is placed on the image on the card 2 by this laminating device 5 with a semitransparent coloring material. For this reason, for the laminating device 5, a thermal line head 5a, to which a roller 7a constituting a part of the card carrying device 7 is slidably pressed under a line state through the card 2 and a transparent transfer film 9, and a transparent transfer film carrying device 7b, which brings the surface of the transparent transfer film 9 into contact with the thermal line head 5a and carries this film 9 in the vertical direction to the carrying direction of the card carrying device 7, are provided.

COPYRIGHT: (C)1991, JPO& Japio